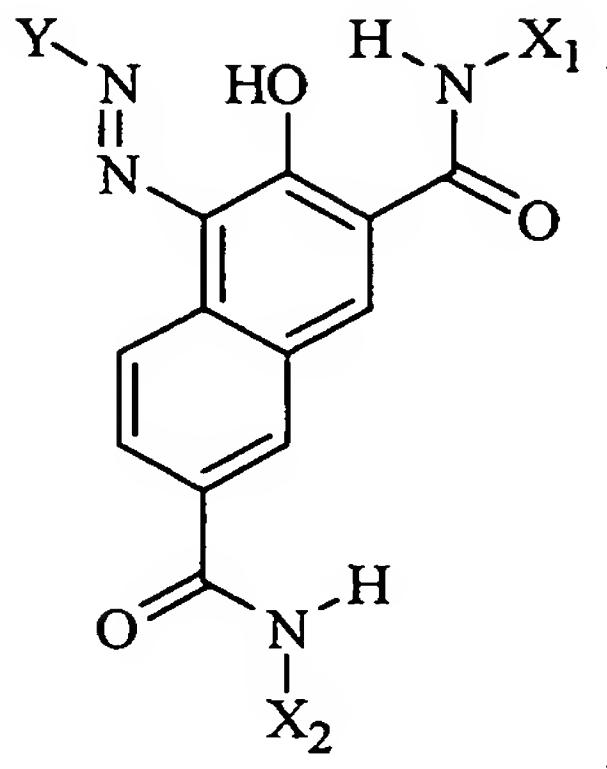


CLAIMS

1. A red ink composition for color filter, comprising a monoazo compound represented by formula [I]:



5 wherein, X_1 , X_2 and Y are selected from the group consisting of an optionally substituted aromatic group and an optionally substituted heterocyclic group having conjugated double bonds,

a resin component and a solvent.

10 2. The red ink composition for color filter according to Claim 1, wherein X_1 and X_2 are same group.

3. The red ink composition for color filter according to Claim 1 or 2, wherein X_1 and X_2 are optionally substituted phenyl or naphthyl groups.

15 4. The red ink composition for color filter according to any of Claims 1-3, wherein the amount of the monoazo compound of formula [I] per one part by weight of the resin component is 0.01-2 parts by weight.

20 5. The red ink composition for color filter according to any one of Claims 1-4, wherein the resin

component is a photosensitive resin.

6. The red ink composition for color filter according to any one of Claims 1-5, which further comprises at least one dispersing agent selected from the group consisting of surfactants, silicone additives, pigment additives, silane coupling agents and titanium coupling agents.

7. A method for preparing the red color ink for color filter recited in Claim 6, which comprises dispersing at least one dispersing agent selected from the group consisting of surfactants, silicone additives, pigment additives, silane coupling agents and titanium coupling agents and the monoazo compound of formula [1] in a part of the solvent to give pigment dispersion, and mixing the pigment dispersion with the resin component and the remaining solvent.

8. Red color filter which is obtainable by using the red ink composition for color filter according to any one of claims 1-6.

20 9. The red color filter of Claim 8, which is obtained by means of photolithographic method or ink-jet method.